

Provide rotatable
stamp, e.g. on
fixed axle (1)



Ink surface of
stamp (e.g. with
cylindrical inking
pod) (2)



Run sheet of
substrate material
over inked
stamp (3)



Pass sheet
with inked
pattern to apparatus
for etching or
depositing materials (4)



Pass sheet to
mechanism to
remove ink (5)

FIG. 1

FIG. 1A

Roll stamp
over film (4A)



Optionally expose
cured film to
O₂ plasma (3A)



Cure liquid
to form film
(e.g. elastomeric
film) (2A)



Spin cast
liquid (elastomeric
material) onto a
surface (1A)

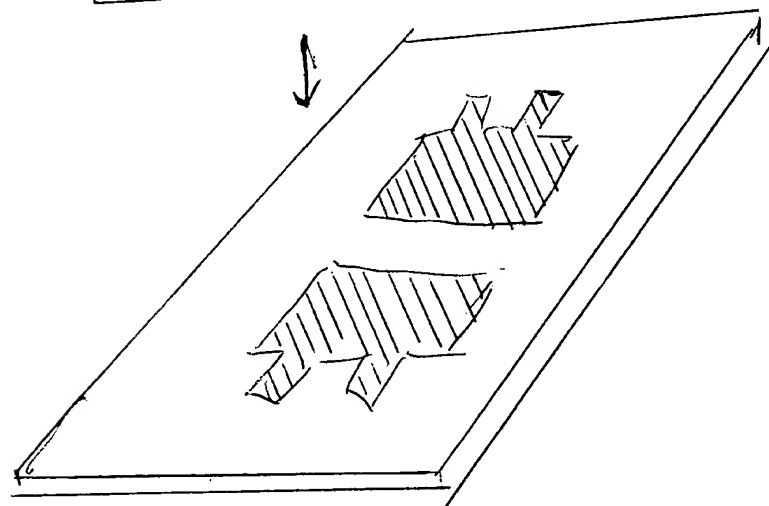
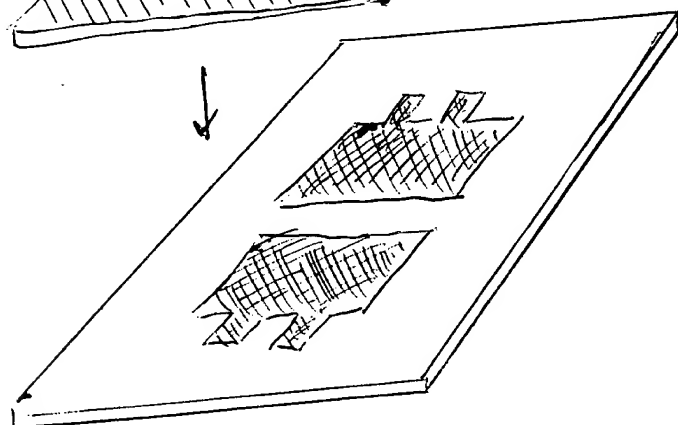
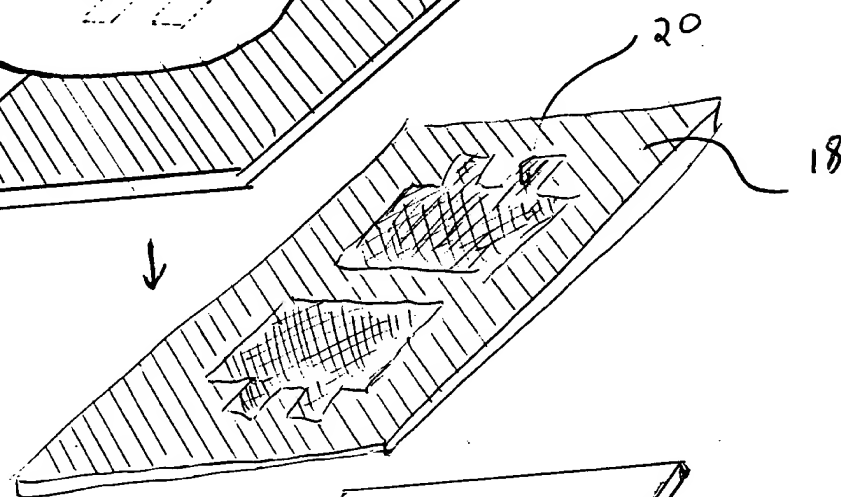
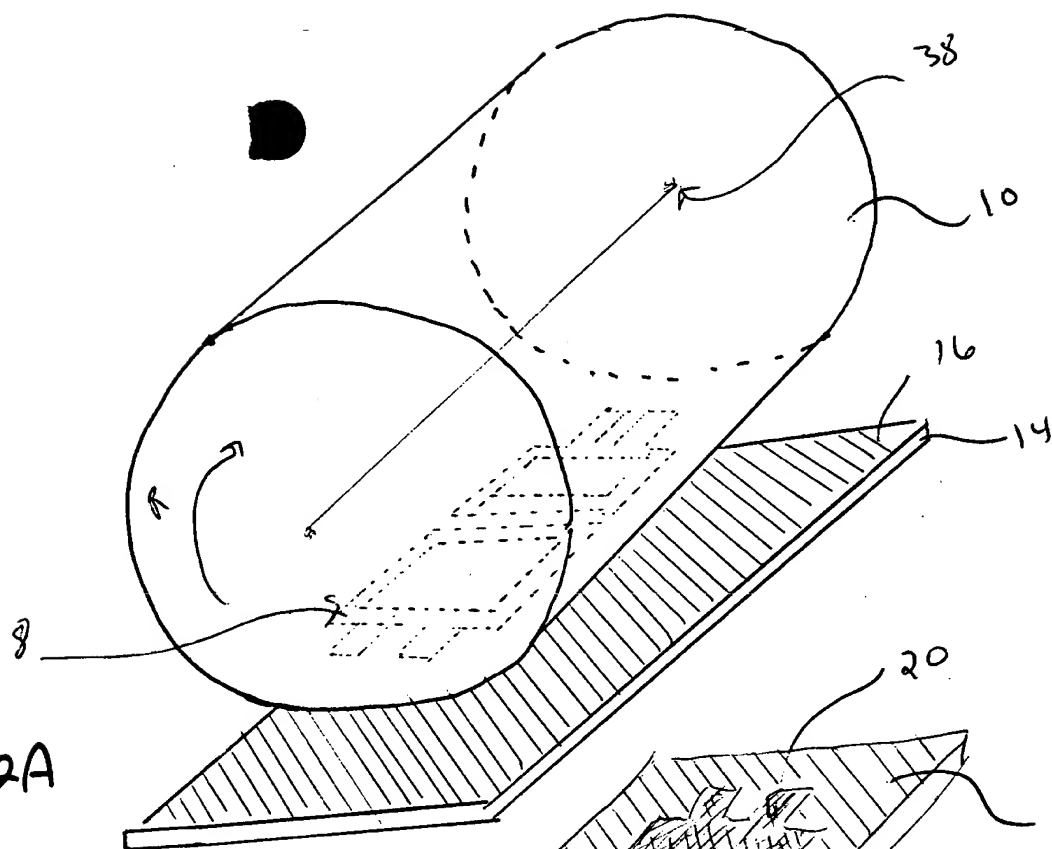


Fig. 3A

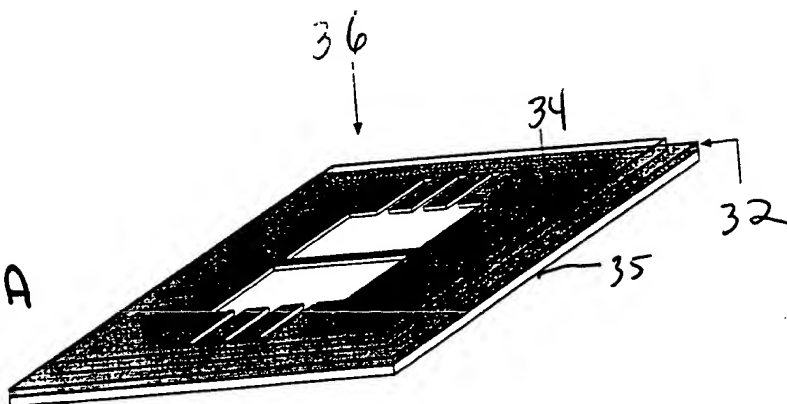


Fig. 3B

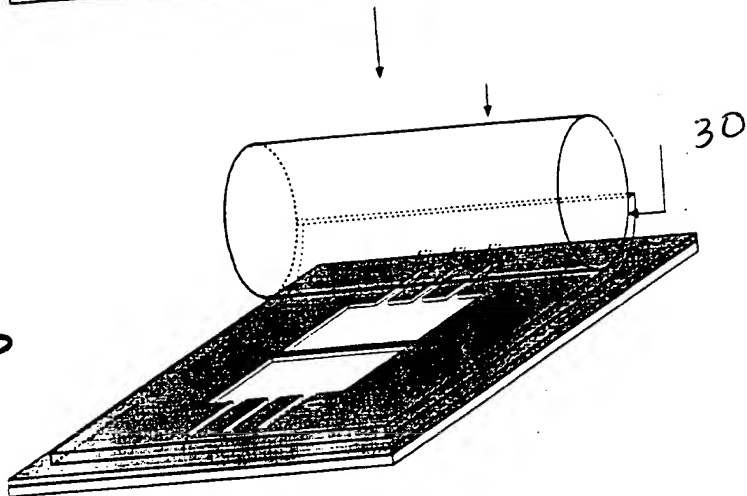
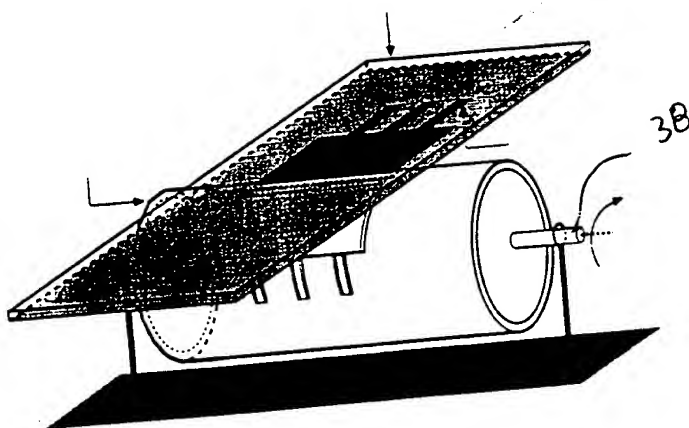


Fig. 3C



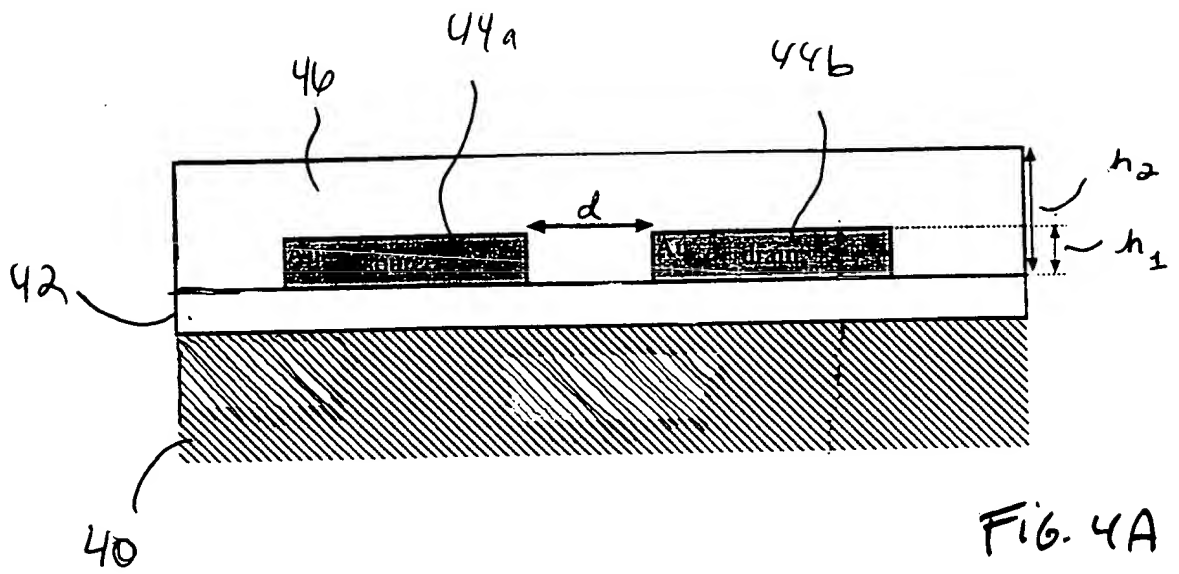


FIG. 4A

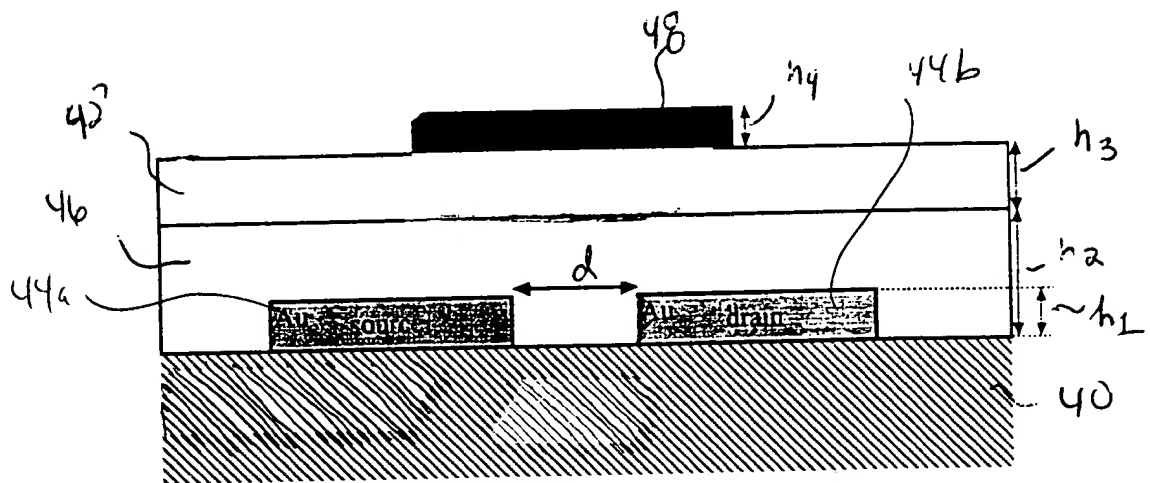


FIG. 4B

Fig. 5A

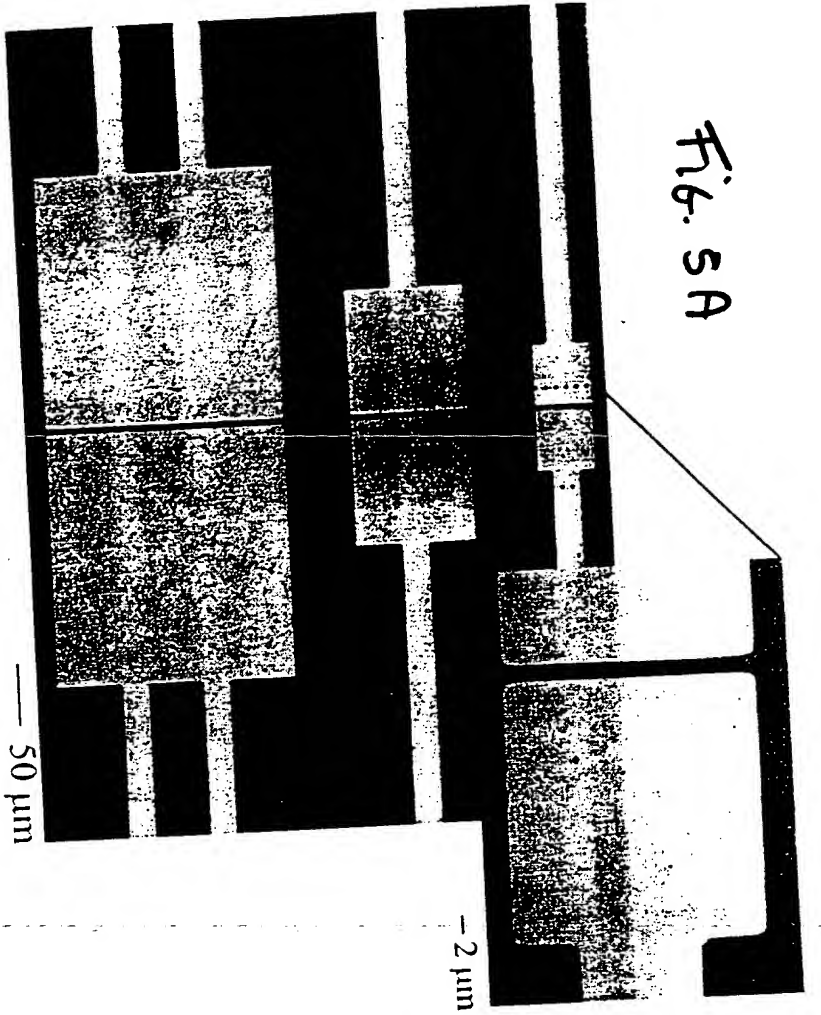


Fig. 5B

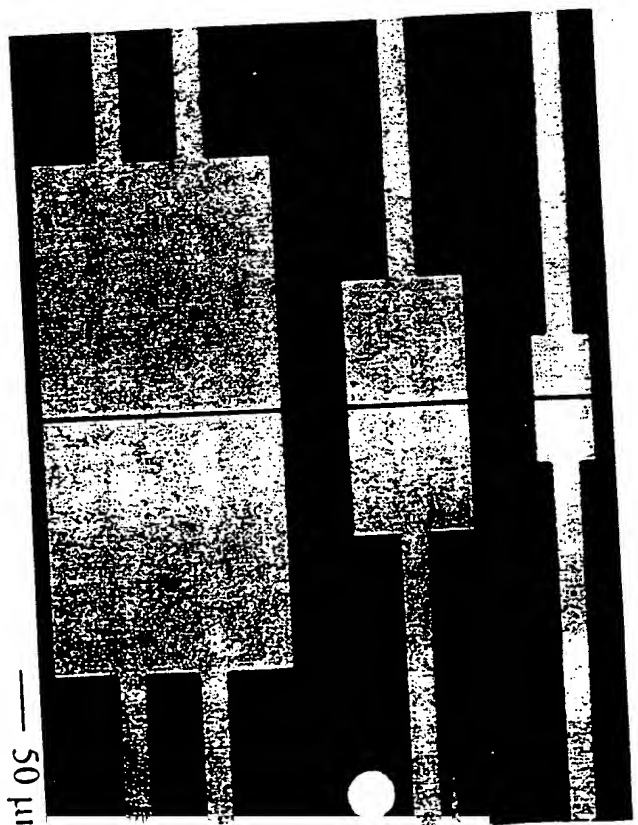


Fig. 6A

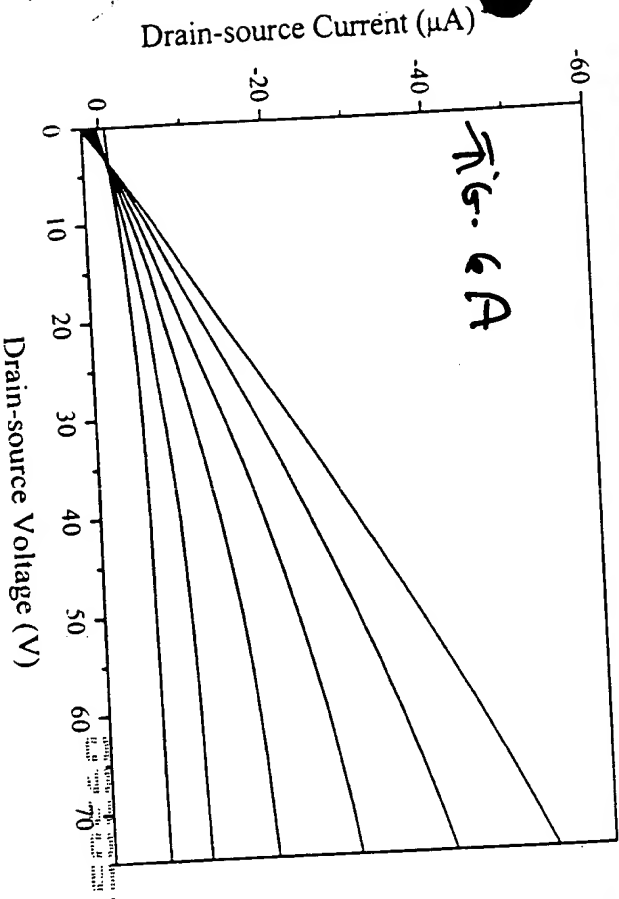
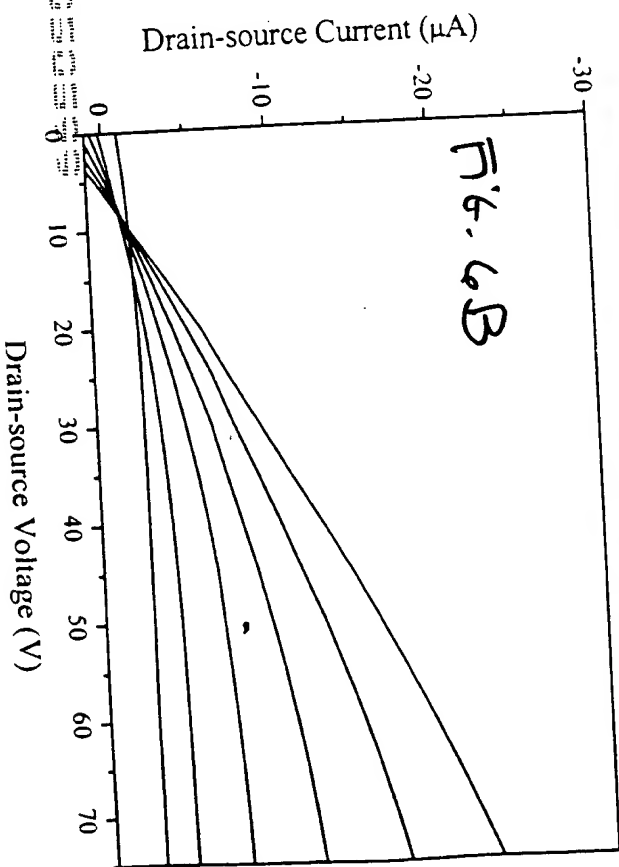


Fig. 6B



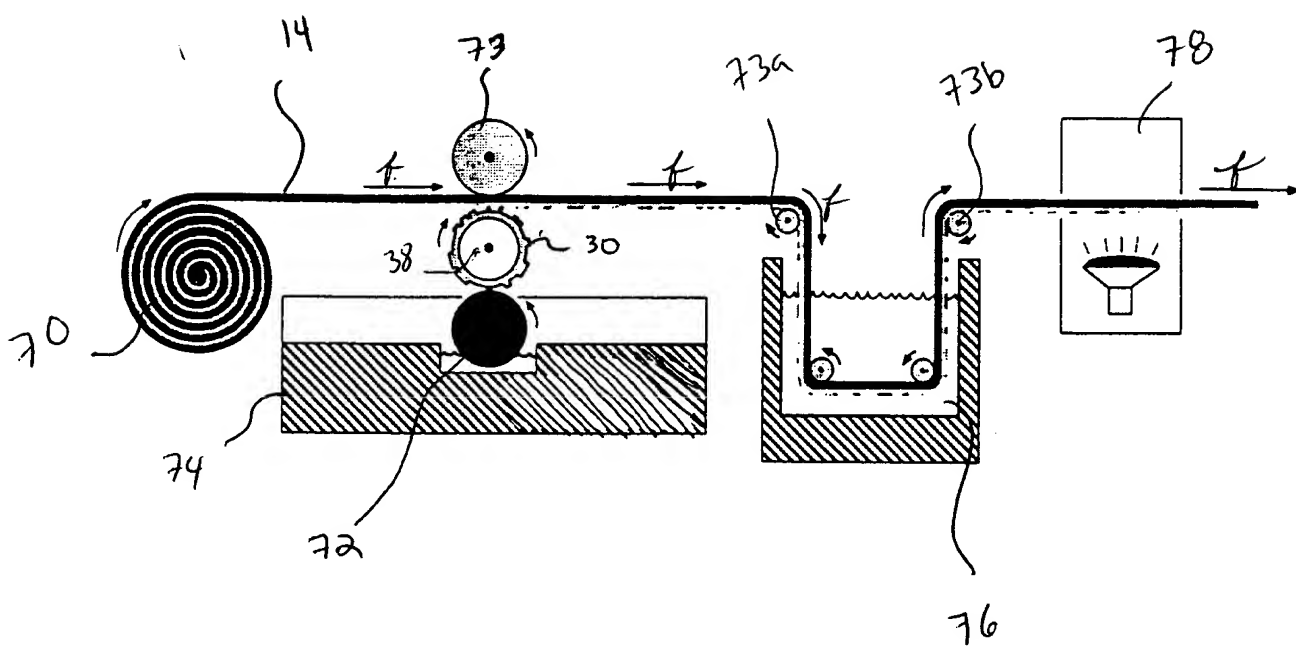


FIG 7